FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

ATTY. DOCKET NO. 19680-01

SERIAL NO.

09/057,455

APPLICANT

Takehiko HAMADA

FILING DATE

GROUP 2876

	1.30(D)			April 9, 1998			
			U.S. PAT	ENT DOCUMENTS			
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
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		DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
918	AL	1-197607	8/89	Japan (with Eng- lish abstract)			
9/3	АМ	2-126108	5/90	Japan (with Eng- lish abstract)			
213	AN	2-140609	5/90	Japan (with Eng- lish abstract)			
913	АО	4-102344	4/92	Japan (with Eng- lish abstract)			
PB.	AP	4-110709	4/92	Japan (with Eng- lish abstract)			
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SERIAL NO. ATTY, DOCKET NO. FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE 19680-01 09/057,455 PATENT AND TRADEMARK OFFICE APPLICANT INFORMATION DISCLOSURE STATEMENT BY APPLICANT Takehiko HAMADA (Use several sheets if necessary) **GROUP 2876 FILING DATE** (37 CFR 1.98(b)) April 9, 1998 **U.S. PATENT DOCUMENTS** FILING DATE **EXAMINER** ISSUE SUB IF APPROPRIATE **PATENTEE** CLASS **CLASS** DATE INITIAL PATENT NUMBER AA **AB** AC AD AE AF AG AH FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION TRANSLATION **SUB** PUBL. YES NO DATE COUNTRY OR PATENT OFFICE **CLASS** CLASS DOCUMENT NO. AL 6-20633 1/94 Japan (with English abstract) **AM** 7-27549 1/95 Japan (with English abstract) 9/95 Japan (with Eng-AN 7-243835 lish abstract) AO 63-308510 12/88 Japan (with English abstract) AP OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) AR AS AT EXAMINER Jack Bornan **DATE CONSIDERED**

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